

Abstract

Real-time information associated with a telecommunication network is obtained. A computing system includes one or more computers having one or more processors for executing logic instructions associated with one or more computer programs and a first memory for storing the logic instructions to be executed; a database server, in communication with the computing system, and having a second memory for storing logic instructions to be executed thereon and a storage device in communication with the database server or the computing system for storing the information associated with the telecommunication network. Access to the information associated with the telecommunication network is enabled to one or more computer software programs stored in a storage device that is in communication with a computing system; and the one or software programs are enabled to access the modifications on a real-time basis when any of the information associated with the telecommunication network is modified.